

**XP-002246184**

**AN - 1975-25362W [15]**

**CPY - TATN-N**

**DC - H01 Q49 S03**

**FS - CPI;GMPI;EPI**

**IC - E21B47/00 ; G01V5/00**

**MC - H01-A02**

**PA - (TATN-N) TATNEFTEGEOFIZIKA TRUST**

**PN - SU407258 A 19740723 DW197515 000pp**

**PR - SU19721735521 19720106**

**XIC - E21B-047/00 ; G01V-005/00**

**AB - SU-407258 Probe for industrial geophysical research in armoured and plain boreholes contains means for simultaneous investigation of earth layers by acoustic transmission and detection and by neutron generator and radioactivity detector. The underground equipment is mounted in the probe in the following order from the base:- acoustic equipment with detectors separated by acoustic insulators from one another and from generator of elastic oscillations, insulator, neutron generator, radiation detector and control circuit. Acoustic radiator is connected in series with discharge element synchronising its action with particle accelerator. Neutron generator includes transformers connected to discharge element and particle accelerator and source of HT potential Radiometric detector is connected to amplifier and pulse forming circuit.**

**IW - BOREHOLE PROBE THREE CONDUCTOR CABLE ACOUSTIC NEUTRON RADIATE DETECT UNIT**

**IKW - BOREHOLE PROBE THREE CONDUCTOR CABLE ACOUSTIC NEUTRON RADIATE DETECT UNIT**

**NC - 001**

**OPD - 1972-01-06**

**ORD - 1974-07-23**

**PAW - (TATN-N) TATNEFTEGEOFIZIKA TRUST**

**TI - Borehole probe using three-conductor cable - with acoustic and neutron radiating and detector units**